

FEATURES

- Frequency range down to very low frequency (10MHz)
- Low Insertion Loss and VSWR.
- 200 Watt CW and 1000 Watt Peak (1 Microsec pulse width) power handling capability
- Built-in DC block @ input and output.
- Hermetically sealed module



APPLICATIONS

- Front End Protection for LNA's
- Receiver Protection
- Lab Use

ENVIRONMENTAL RATINGS

Max Input Power².....200 Watt CW
or 1KW Peak, 1 μ sec Pulse Width, 0.1% Duty
Operating Temperature Range.....-55°C to +125°C
Storage Temperature Range.....-65°C to +125°C
Shock..... 50G, 11 msec
Vibration..... 20G, 100 to 2000 Hz

Specifications: (@ +25°C)

MODEL	FREQ. RANGE (MHz)	MAXIMUM ¹ INSERTION LOSS (dB)	MAX ¹ VSWR	TYP LIM THRESHOLD (dBm)	TYPICAL LEAKAGE ³			PACKAGE STYLE
					@ 1 W CW INPUT (dBm)	@ 25 W CW INPUT (dBm)	@ 200 W CW INPUT (dBm)	
LS00102P200A	10-200	0.3	1.5:1	+ 6	+ 14	+ 18	+20	3E
LS00105P200A	10-500	0.8	2.2:1	+6	+ 14	+ 18	+20	3E

Note 1: Insertion loss and VSWR tested @ -10dBm

Note 2: Power rating de-rated to 20% @+125°C.

Note 3: Leakage slightly higher at frequencies below 100 MHz

For Package Outlines see Outline Drawings Page